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Hydraulically operated piston valve - has stepped piston with sealed flange defining with operating chambers and vents allowing fluid flow

Patent Assignee: FM INDUSTRIE (FMIN-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

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FR 2390655	A	19790112			197907	B

Priority Applications (No Type Date): FR 7716026 A 19770513

Abstract (Basic): FR 2390655 A

The valve has a cylindrical body (1) with an axial bore (2). The chamber (4) is separated from the bore by the flange (3) which is sealed with an 'O' ring. The chamber (4) connects with the opening (5) and with the tapping (8) in the side of the casing. The valve is fitted with a piston (13).

The piston is operated from the connections (33, 84) on either side. The piston also has vents (28) behind the valve (25) which seats on the face (27). The piston is sealed with 'O' rings. Fluid flows from the inlet connection (22) through the piston vents to the exit connection (10).

Title Terms: HYDRAULIC; OPERATE; PISTON; VALVE; STEP; PISTON; SEAL; FLANGE; DEFINE; OPERATE; CHAMBER; VENT; ALLOW; FLUID; FLOW

Derwent Class: Q66

International Patent Class (Additional): F16K-001/52; F16K-031/12

File Segment: EngPI

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